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Derwent Title: **Breathing apparatus for induction of hypoxia - has cylindrical body whose cavity makes up mixing chamber and controlled air intake with filter and spring loaded valve**

Original Title: ☒ **RU2021825C1: BREATHING APPARATUS FOR CREATING HYPOXY**

Assignee: **NIZHEGOROD MED INST Soviet institute**

Inventor: **FOMINA G B; NEDUGOVA N P;**

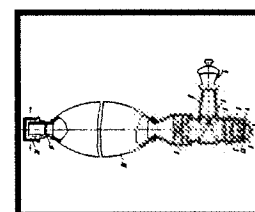
Accession/Update: **1995-192180 / 199525**

IPC Code: **A61M 16/00 ;**

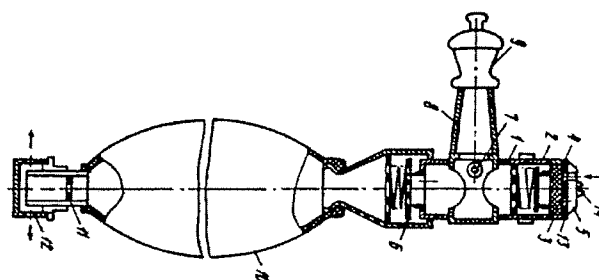
Derwent Classes: **P34;**

Derwent Abstract: (RU2021825C) Breathing apparatus comprises a unit for connecting to the patient and attached to the body (1), controlled air intake (3) with the filter (4) and spring loaded valve (5), breathing capacity fixed at the body outlet and the condensate collector (12). The body (1) is of a cylindrical shape and its cavity is in the form of a mixing chamber equipped with an inlet branch - pipe (2), a nozzle (8), nipple (7) and a controlled choke (6). The unit for connecting the patient is made as a mouth piece (9). The controlled choke (6) is placed at the body (1) output and is in the form of a plate with a row of inclined openings. A calibrated nozzle (10) and the condensate collector (12) are positioned in the head part of the breathing capacity. Apparatus operation is based on the repeated use of the outlet products with the addition of air from the atmosphere. Nose is impressed by a nose clip. The outlet products fill the elastic bag (10) through the nozzle (8), opened valve (5) and the controlled choke (6) opening.

**USE/Advantage** - In preventive medicine and training of breathing and blood circulation systems. Hypoxia mixture concentration and its composition in the inhaled air are controlled. Apparatus overall dimensions and mass are reduced. Bul.20/30.10.94



Images:



Dwg. 1/1

Family: **PDF Patent** **Pub. Date** **Derwent Update** **Pages** **Language** **IPC Code**

☒ **RU2021825C1** \* 1994-10-30 199525 4 English A61M 16/00

Local appls.: SU1991004910820 Filed:1991-02-13 (91SU-4910820)

? Priority Number:

Application Number	Filed	Original Title
SU1991004910820	1991-02-13	

? Title Terms:

BREATH APPARATUS INDUCTION HYPOXIA CYLINDER BODY CAVITY UP MIX  
CHAMBER CONTROL AIR INTAKE FIT SPRING LOAD VALVE

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